

MODERN FARMING

CONCEPT
&
DESIGN



PART1

SYSTEM DESIGN

Features, Functions, Layout Design,



Navigation
Bar & Logo
Brand

ModernFarming

[Home](#) [Data](#) [Contact](#)

ModernFarming

We make things easier!

Smart Farming

Smart farming is a new idea that refers to farm management that applies the contemporary information and communication technologies to raise the number and quality of crops while minimizing the amount of human work necessary.

- Sensors: soil, water, light intensity, CO₂ Concentration, humidity, temperature, dust
- Software: new technology software applied for IoT Platform
- Connection: Wi-Fi, cellular (4G/5G), LoRa
- Location: GPS, Satellite, ect.
- Data Record and Analytic: on-Cloud, Local, AI features



Smart Industrial

Home provide
sample content

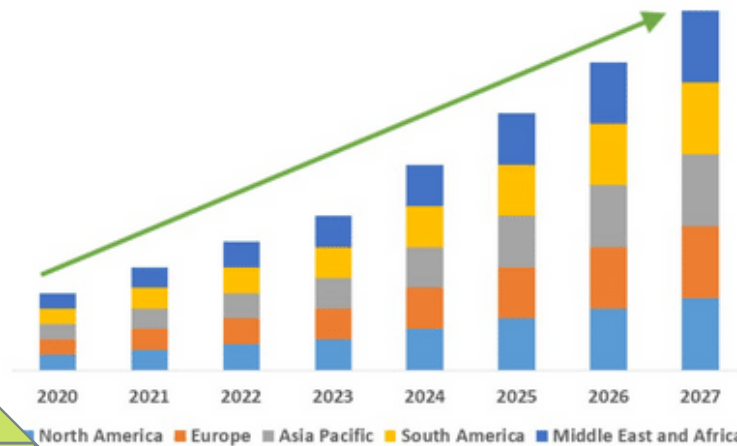
Link
changes
color when
hovered
and clicked

how fast is Smart Farming

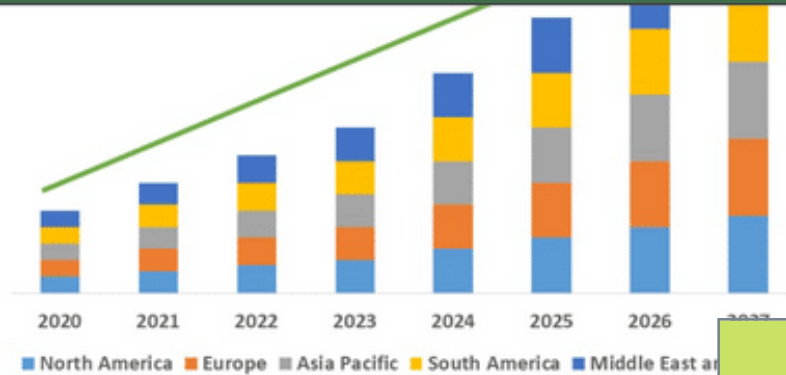
See how Smart Farming is expected to grow

[REFERENCE](#)

Global Smart Farming Market is Expected to Account for
USD 25.02 Million by 2028



Graph
sample
data



RESEARCH FOR
MARKETS

Carbon Dioxide (CO2) & Average

See how Carbon Dioxide (CO₂) Emissions & Average Temperature

[Go to Data Table](#)

button when clicked
it's takes to
data table
page

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Thank you for your interest!



Footer changes
background color
and contact
link favicon

Carbon Dioxide (CO₂) Concentration Data

Date	Average
9/1/2016	401.05
10/1/2016	401.59
11/1/2016	403.55
12/1/2016	404.45
1/1/2017	406.17
2/1/2017	406.46
3/1/2017	407.22
4/1/2017	409.04
5/1/2017	409.69
6/1/2017	408.88
7/1/2017	407.12
8/1/2017	405.13
9/1/2017	403.37
10/1/2017	403.63
11/1/2017	405.12
12/1/2017	406.81
1/1/2018	407.96
2/1/2018	408.32
3/1/2018	409.41
4/1/2018	410.24
5/1/2018	411.24
6/1/2018	410.79
7/1/2018	408.71
8/1/2018	406.99

Responsive
table show
sample data
inputted

1/6/2012	60.3392	Wroclaw	POL	Poland
1/7/2012	65.5178	Wroclaw	POL	Poland
1/8/2012	64.9832	Wroclaw	POL	Poland
1/9/2012	57.1946	Wroclaw	POL	Poland
1/10/2012	46.5872	Wroclaw	POL	Poland
1/11/2012	41.8066	Wroclaw	POL	Poland
1/12/2012	29.507	Wroclaw	POL	Poland
1/1/2013	28.4612	Wroclaw	POL	Poland
1/2/2013	30.5168	Wroclaw	POL	Poland
1/3/2013	29.948	Wroclaw	POL	Poland
1/4/2013	46.2902	Wroclaw	POL	Poland
1/5/2013	55.0544	Wroclaw	POL	Poland
1/6/2013	61.1672	Wroclaw	POL	Poland
1/7/2013	66.7706	Wroclaw	POL	Poland
1/8/2013	64.5656	Wroclaw	POL	Poland

Average Temperature in Poland from 2011-2013

References

[View Sources](#)

Reference links button,
the modal will prompt
if the button
is clicked

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Thank you for your interest!



Color-Theme

Green & White

เนื่องจากเป็นการทำเกี่ยวกับเทคโนโลยีที่ใช้ในการทำฟาร์ม จึงเน้นสีเขียวและใช้สีขาวเป็นหลัก



UI Framework

Bootstrap 5

เป็นFrameworkที่ช่วยให้การทำงานแบบresponsive หรือส่วนประกอบต่างๆ ของหน้าเว็บเช่น Navabar หรือ Table และModal ได้ง่ายขึ้นโดยไม่ต้องเขียน code css ใหม่ขึ้นมาเองและมีตัวช่วยจากjavascript



Responsive

1



2

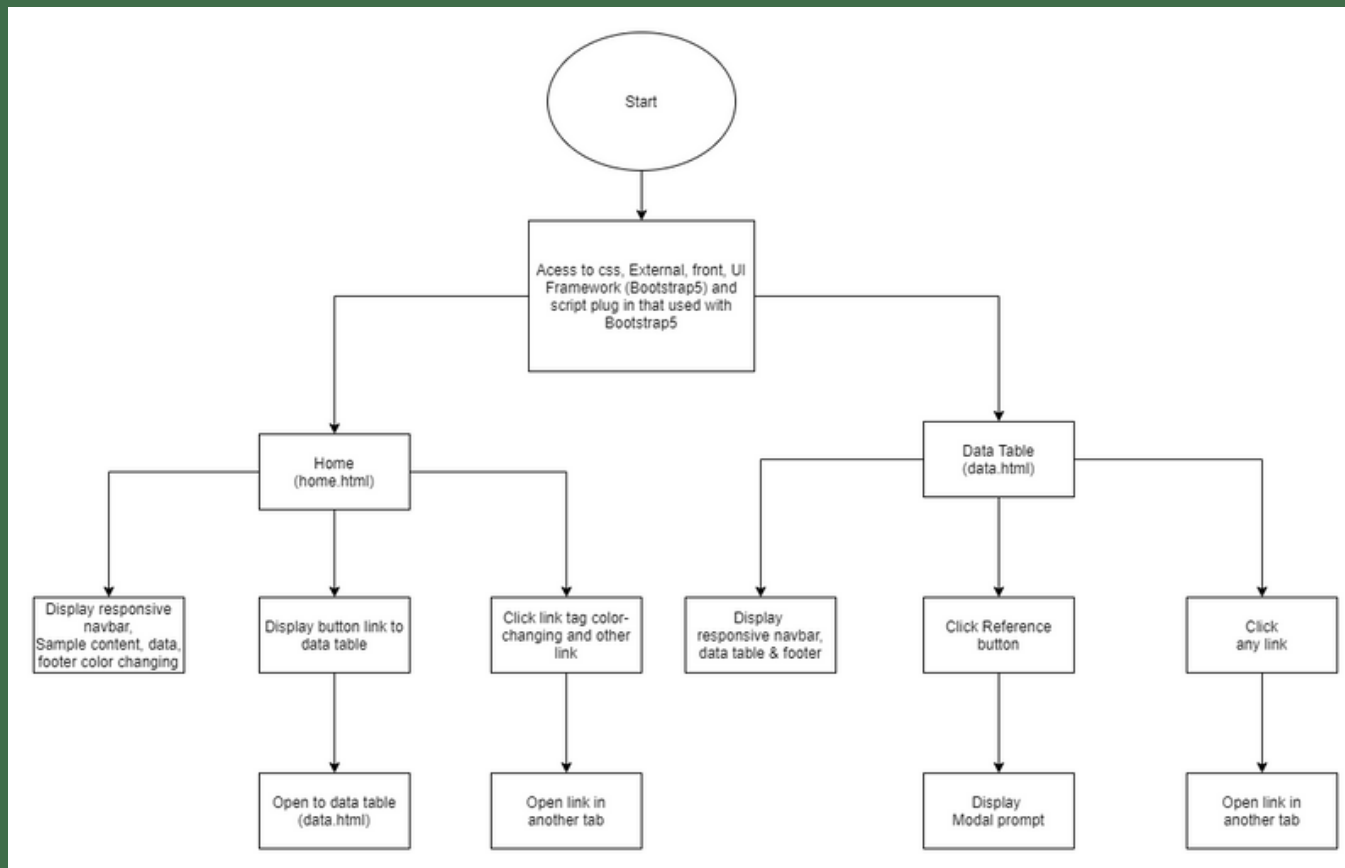


Part 2

Block Diagram

หลักการทำงานหลัก ของเว็บไซต์





**Thank You For Your
Attention!**